

VERTICALLY-ALIGNMENT (VA) LIQUID CRYSTAL DISPLAY DEVICE

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ABSTRACT OF THE DISCLOSURE

10 A vertically alignment mode liquid crystal display
device having an improved viewing angle characteristic is
disclosed. The disclosed liquid crystal display device
uses a liquid crystal having a negative anisotropic
dielectric constant, and orientations of the liquid
crystal are vertical to substrates when no voltage being
applied, almost horizontal when a predetermined voltage
15 is applied, and oblique when an intermediate voltage is
applied. At least one of the substrates includes a
structure as domain regulating means, and inclined
surfaces of the structure operate as a trigger to
regulate azimuths of the oblique orientations of the
20 liquid crystal when the intermediate voltage is applied.